

~~SECRET~~

PRIORITY

OUT 65785

P 232019Z AUG 68  
FM NPIC WASHDC  
TO RUCSAAA/SAC OFFUTT AFB OMAHA NEB  
RUCLFGA/100TH SRW OL 19 MCCOY AFB FLA  
RUWJDBA/100TH SRW DAVIS MONTHAN AFB ARIZ  
RUEBJRA/NAVRECONTECHSUPPCEN SUITLAND MD  
RUEAIIA/CIA WASH DC  
RUEOJFA/DIA ATTN: DIAXX-2  
RUWBKNA/15TH AF MARCH AFB RIVERSIDE CALIF  
RUEFHQA/HQS USAF  
BT

SECRET CITE NPIC 4433.

SAC FOR DIR, DOSR, DISD; 15TH AF FOR DI, DO; 100TH SRW FOR  
CO, DCOI; HQ USAF FOR AFRDR  
FROM NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER.

SUBJ: EVALUATION OF GLASS LAMP MISSION G-039

1. QUALITY SUMMARY: THIS MISSION PROVIDES POORER IMAGE QUALITY  
THAN PREVIOUS MISSIONS EMPLOYING UNIT B-24. THE IMAGERY APPEARS  
SOFT DUE TO EITHER VEHICLE VIBRATION AND/OR POOR FOCUS. THE GROUND  
RESOLUTION AND INTERPRETATION SUITABILITY ARE POOR DUE TO THIS  
ANOMALY. CLOUD COVER AND HAZE OBSCURE APPROXIMATELY 15 PERCENT  
OF THE ENTIRE MISSION.

## 2. MISSION DATA

A. THE STANDARD "B" CONFIGURATION CAMERA UNIT NUMBER 24,  
WAS USED IN MISSION G-039 FLOWN ON 21 AUGUST 1968. THIS WAS AN  
OPERATIONAL MISSION USING THE U-2 AIRCRAFT. MODE V WAS USED  
THROUGHOUT THE MISSION.

B. FILM TYPE 3400 WAS USED THROUGHOUT THE MISSION. PROCESSING  
WAS ACCOMPLISHED BY NAV RECON TECH SUPPCEN. ALL MATERIAL WAS  
PROCESSED TO A GAMMA OF 0.6 AND A SPEED OF 2.32 (LOG E).

## 3. ORIGINAL NEGATIVE

A. EXPOSURE: THE EXPOSURE IS ADEQUATE WITH SOME INSTANCES OF  
UNDEREXPOSURE AT THE BEGINNING OF THE MISSION.

B. DENSITY AND CONTRAST: GENERALLY MEDIUM, HOWEVER, THE  
FIRST PART OF THE MISSION IS THIN DUE TO UNDEREXPOSURE.

## C. IMAGED DEGRADATIONS

1. BOTH SIDES: OUTBOARD EDGE FOG AND INBOARD ROLLER  
CHATTER ARE PRESENT INTERMITTENTLY THROUGHOUT THE MISSION.

## D. PHYSICAL DEGRADATIONS

1. 9R SIDE: A MANUFACTURING SPLICE IS PRESENT BETWEEN  
FRAMES 765 AND 766. THERE IS A HEAT SPLICE IN FRAME 480.

2. 9L SIDE: HEAT SPLICES ARE LOCATED IN FRAME 477 AND  
BETWEEN FRAMES 599 AND 600. A MANUFACTURING SPLICE IS PRESENT IN  
FRAME 1081.

E. AUXILIARY DATA: THE FRAME COUNTER SKIPPED NUMBER 2 AND  
1146. ALL OTHER DATA RECORDING EQUIPMENT FUNCTIONED PROPERLY.

F. OTHER: THE LAST TITLED FRAME IS 1145, A BIAS OF TWO FROM  
THE EVENTS COUNTER.

## 4. POSITIVES

A. THE PRINTING AND PROCESSING WERE GOOD.

GP-1

SECRET

END OF MESSAGE

23 Aug 68 20 34Z

DISTRIBUTION		
CY	OFFICE	PI
1	FILE	
2	CABLE SEC.	
	FPLE/RD	
	SECUR. 25X1	
34	TSSB 1740	
	PSG/OC	
	RRD	
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	EAST	
	M&S	
	PGM	
	LAS	
	DIA-XC4	
	SPAD	
	DIA-AP	
	25X1	
	OLA	

ADVANCE CY  
CAPTIONED  
WITH TEXT

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

~~SECRET~~